

Appendix D

Table D-1—Variables in NHANES III relating to school breakfast and learning among 6–16 year olds

Variable	NHANES III data file	SAS variable name
Individual characteristics		
Sequence number (person identification number)	Household youth data file ^a	SEQN
Final interview sampling weight	Household youth data file	INTPFQX6
Examination/interview status	Household youth data file	DMPSTAT
Age	Household youth data file	HYAITMO
Race/ethnicity	Household youth data file	DMARETHN
Sex	Household youth data file	HSSEX
Country of birth	Household youth data file	HFA6XCR
Family characteristics		
Family reference person		
Education level	Household youth data file	HFHEDUCR
Country of birth	Household youth data file	HFC10, HFC11
Employment	Household youth data file	HFHEMPL
Marital status	Household youth data file	HFA12
Occupation	Household youth data file	HFD9R, HFD10R, HFD12
Health insurance coverage	Household youth data file	HFB1-HFB17
Source of medical care	Household youth data file	HYD2, HYD3, HYD4
Household size	Household youth data file	HSHSIZER
Housing characteristics	Household youth data file	HFE1-HFE18
Income in past 12 months	Household youth data file	HFF18, HFF19R, HFF20R
Poverty income ratio	Household youth data file	DMPPIR
Food sufficiency	Household youth data file	HFF4-HFF18
Family-level food program participation		
WIC participation in last month	Household youth data file	HFF9
FSP participation in past 12 months (number of months)	Household youth data file	HFF10
Current FSP participation	Household youth data file	HFF11
Individual-level food program participation		
Current WIC participation	Examination data file	MYPC22
WIC in last 12 months	Examination data file	MYPC21
Number of months in WIC	Examination data file	MYPC23S
School meals		
School offers NSLP?	Household youth data file	HYJ11
Times per week child has free, reduced-price, or full-price lunch	Household youth data file	HYJ12
School offers SBP?	Household youth data file	HYJ9

Variable	NHANES III data file	SAS variable name
Times per week child has free, reduced-price, or full-price breakfast	household youth data file	HYJ10
School outcomes		
Grade level	Household youth data file	HYJ8
Skipped grades	Household youth data file	HYJ15
Repeated grades	Household youth data file	HYJ16
Suspensions and expulsions	Household youth data file	HYJ19, HYJ20
Attendance	Household youth data file	HYJ14
Health problems affecting school attendance	Household youth data file	HYD9-HYD11
Health interview data		
Reported medical conditions	Household youth data file	HYE1A-HYE9B
Whether mother smoked during pregnancy with child	Household youth data file	HYA3-HYA5
Birthweight	Household youth data file	HYA7S, HYA8, HYA9, HYA94
Newborn intensive care	Household youth data file	HYA6A, HYA7S
Need for corrective lenses	Household youth data file	HYH2, HYH3, HYH4
Hearing trouble	Household youth data file	HYH10-HYH13
Parent's report of child's health	Household youth data file	HYD1
Behavioral problems	Household youth data file	HYE10, HYE11
Headaches	Household youth data file	HYE12
Stomachaches	Household youth data file	HYE13
History of lead poisoning	Household youth data file	HYE16-HYE20S
Health-related behaviors		
Physical activity	Examination data file ^a	MYP A1, MYP A2
Limitations in activities	Household youth data file	HYD8
Time spent watching TV	Household youth data file; examination data file	HYJ23; MYP A3
Smoking	Examination data file	MYP B1-MYP B27B
Alcohol and drug usage	Examination data file	MYP F1-MYP F12
Cognitive tests		
WISC-R, block design	Examination data file	WWPBSCSR
WISC-R, digit span	Examination data file	WWPDSCSR
WRAT-R, math scores	Examination data file	WWPMRSR, WWPMSSR, WWPMSCSR
WRAT-R, reading scores	Examination data file	WWPRRSR, WWPRSSR, WWPRSCSR
Dietary intake and behavior		
24-hour recall status, Day 1	Total nutrient intake file ^b	DRPSTAT
24-hour dietary recall total nutrients (Day 1)	Total nutrient intake file	DPPN---- (series of nutrients)
24-hour recall status, Day 2	Second exam dietary recall data file ^c	DRRSTAT

Variable	NHANES III data file	SAS variable name
24-hour dietary recall total nutrients (Day 2, subsample)	Second exam dietary recall data file	DRRN---- (series of nutrients)
Use of dietary supplements	Household youth data file	HYKA1A, HYK8SP
Frequency of breakfast	Examination data file	MYPE1
Individual food sufficiency	Examination data file	DRPQ5-DRPQ11
Blood and urine determinations related to nutrition or health status		
Iron status (hemoglobin, hematocrit, serum iron, total iron binding capacity (tIBC), serum ferritin, transferrin saturation)	Laboratory data file ^a	HGP, HTP, FEP, TIP, PXP, FRP
Serum and RBC folate	Laboratory data file	FOP, RBP
Serum vitamin E	Laboratory data file	VEP
Serum vitamin A and retinyl esters	Laboratory data file	VAP, PEP
Serum vitamin C	Laboratory data file	VCP
Serum carotenoids	Laboratory data file	ACP, BCP, BXP, LUP, LYP
Selenium	Laboratory data file	SEP
Serum vitamin B ₁₂	Laboratory data file	VBP
Cotinine (measures exposure to passive smoke or cigarettes)	Laboratory data file	COP
Total, HDL-, and LDL-cholesterol	Laboratory data file	TCP, LCP, HDP
Lead	Laboratory data file	PBP
Urinary cadmium	Laboratory data file	UDP
Health examination data		
Final examination sampling weight	Household youth data file	WTPFEX6
Height	Examination data file	BMPHT
Weight	Examination data file	BMPWT, BMPWTLBS
Body mass index	Examination data file	BMPBMI
Bioelectrical impedance analysis	Examination data file	PEP12A1, PEP12B1
Average systolic and diastolic blood pressure	Examination data file	PEPMNK1R, PEPMNK5R

FSP = Food Stamp Program; HDL = low-density lipoprotein; LDL = low-density lipoprotein; NSLP = National School Lunch Program; RBC = red blood cell; SBP = School Breakfast Program; WIC = Women, Infants, and Children; WISC-R = Weschler Intelligence Scale for Children, Revised; WRAT-R = Wide Range Achievement Test, Revised

^a Source: NHANES III Household Youth Data File, Examination Data File, Laboratory Data File, CD-ROM Series 11, No. 1A, July 1997.

^b Source: NHANES III Total Nutrient Intake (EXAMDR) Data File, CD-ROM Series 11, No. 2A, April 1998.

^c Source: NHANES III Second Exam Dietary Recall Data File, CD-ROM Series 11, No. 3A, July 1999.